

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL		1. WELL NAME and NUMBER Meagher 10-20-4-2
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>		3. FIELD OR WILDCAT UNDESIGNATED
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO		5. UNIT or COMMUNITIZATION AGREEMENT NAME
6. NAME OF OPERATOR NEWFIELD PRODUCTION COMPANY		7. OPERATOR PHONE 435 646-4825
8. ADDRESS OF OPERATOR Rt 3 Box 3630 , Myton, UT, 84052		9. OPERATOR E-MAIL mcrozier@newfield.com
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) FEE	11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>	12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Emerald Phoenix Oil Company		14. SURFACE OWNER PHONE (if box 12 = 'fee')
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') 111 Lincoln Rd #4, Spokane, WA 99208		16. SURFACE OWNER E-MAIL (if box 12 = 'fee')
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')		18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>
		19. SLANT VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	1972 FSL 1985 FEL	NWSE	20	4.0 S	2.0 W	U
Top of Uppermost Producing Zone	1972 FSL 1985 FEL	NWSE	20	4.0 S	2.0 W	U
At Total Depth	1972 FSL 1985 FEL	NWSE	20	4.0 S	2.0 W	U

21. COUNTY DUCHESNE	22. DISTANCE TO NEAREST LEASE LINE (Feet) 668	23. NUMBER OF ACRES IN DRILLING UNIT 40
	25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 1453	26. PROPOSED DEPTH MD: 7170 TVD: 7170
27. ELEVATION - GROUND LEVEL 5406	28. BOND NUMBER B001834	29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 437478

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP

NAME Mandie Crozier	TITLE Regulatory Tech	PHONE 435 646-4825
SIGNATURE	DATE 06/22/2010	EMAIL mcrozier@newfield.com
API NUMBER ASSIGNED 43013504000000	APPROVAL  Permit Manager	

Proposed Hole, Casing, and Cement

String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Prod	7.875	5.5	0	7170		
Pipe	Grade	Length	Weight			
	Grade J-55 LT&C	7170	15.5			

Proposed Hole, Casing, and Cement

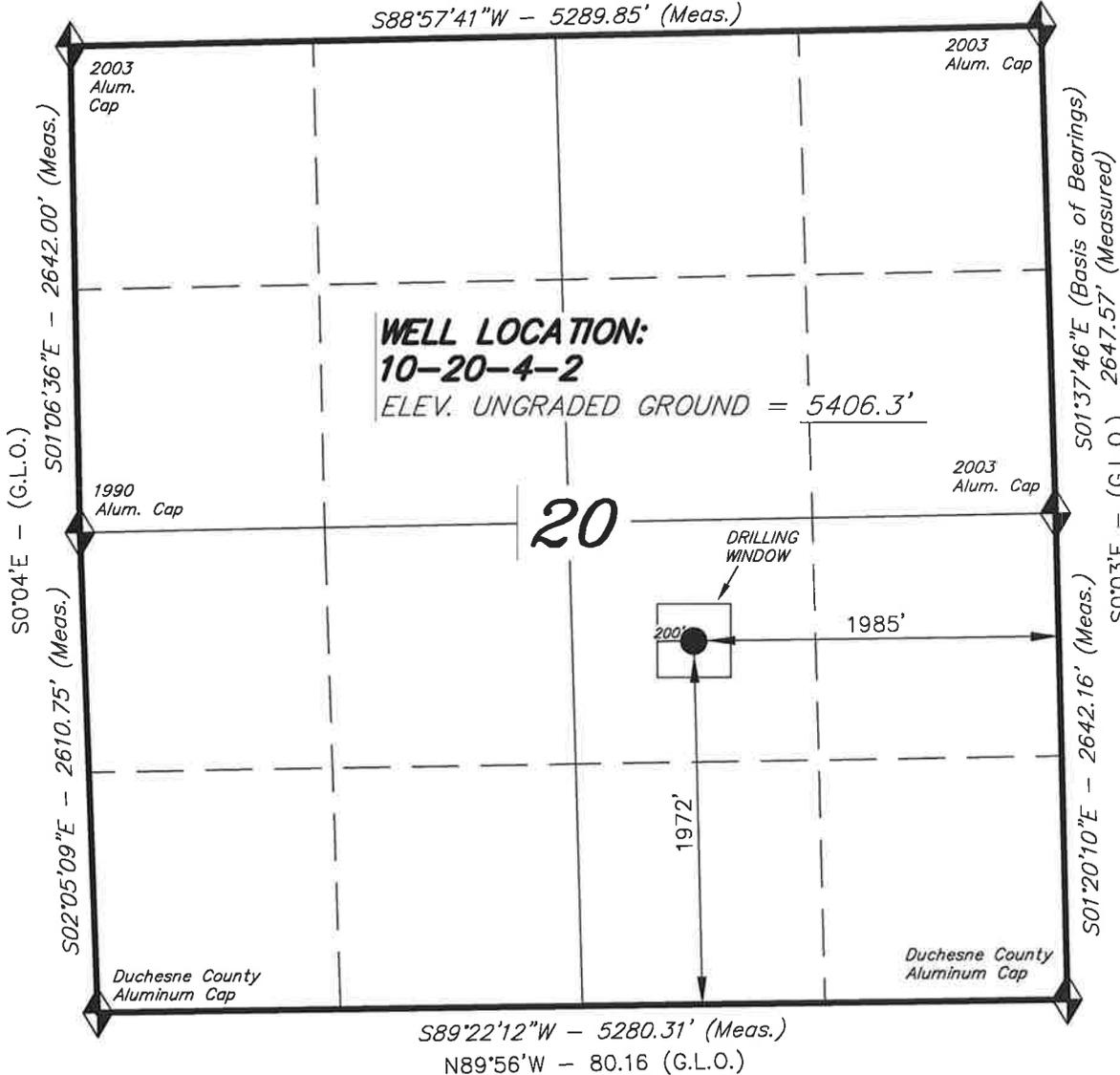
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Surf	12.25	8.625	0	400		
Pipe	Grade	Length	Weight			
	Grade J-55 ST&C	400	24.0			

T4S, R2W, U.S.B.&M.

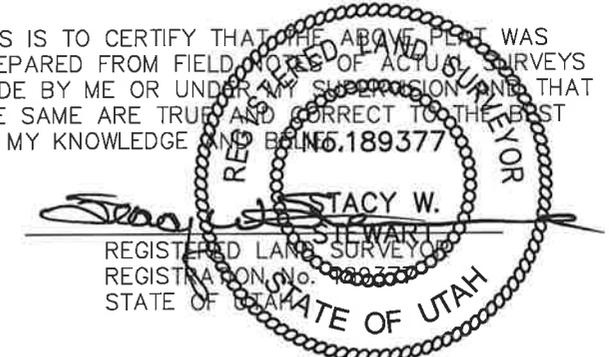
NEWFIELD EXPLORATION COMPANY

WEST - 80.30 (G.L.O.)
 S88°57'41"W - 5289.85' (Meas.)

WELL LOCATION, 10-20-4-2, LOCATED AS SHOWN IN THE NW 1/4 SE 1/4 OF SECTION 20, T4S, R2W, U.S.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAN WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. 189377



◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; Elevations are base on LOCATION: an N.G.S. OPUS Correction. LAT. 40°04'09.56" LONG. 110°00'43.28" (Tristate Aluminum Cap) Elev. 5281.57'

10-20-4-2
 (Surface Location) NAD 83
 LATITUDE = 40° 07' 07.06"
 LONGITUDE = 110° 07' 51.11"

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
 (435) 781-2501

DATE SURVEYED: 03-02-10	SURVEYED BY: C.M.
DATE DRAWN: 03-08-10	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'

**MEMORANDUM
of
EASEMENT, RIGHT-OF-WAY
and
SURFACE USE AGREEMENT**

This Easement and Surface Use Agreement ("Agreement") is entered into this 2nd day of June, 2010 by and between, **A-M, Inc, Sam Arentz, President whose address is 7350 Island Queen Drive, Sparks, NV 89436**, ("Surface Owner," whether one or more), and **NEWFIELD PRODUCTION COMPANY**, a Texas corporation ("NEWFIELD"), with offices at 1001 Seventeenth Street, Suite 2000, Denver, Colorado 80202, covering certain lands, (the "Lands") situated in Duchesne County, Utah described as follows:

Township 4 South, Range 2 West Uintah Special Base and Meridian
Section 20: NESE, NWSE
Section 21: NESW, NWSW

160 acres more or less
Duchesne County, Utah

For and in consideration of the sum of ten dollars (\$10.00), and other valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby agree to the terms and provisions set forth as follows:

1. Compensation for Well; Release of All Claims

NEWFIELD shall pay to Surface Owner the sum as set forth in and according to the terms of that certain Letter Agreement for Easement, Right-of Way and Surface Use by and between Surface Owner and NEWFIELD, dated June 2, 2010, as full payment and satisfaction for any and all detriment, depreciation, injury or damage of any nature to the Lands or growing crops thereon that may occur as a result of NEWFIELD's drilling or completion operations or its continuing activities for the production or transportation of oil, gas, or other hydrocarbons or products associated with the foregoing including, but not limited to, surface use, access, pipelines, gathering lines, pipeline interconnections, and any and all other reasonable or customary uses of land related to said operations or activities.

2. Grant of Right of Way and Easement

Surface Owner hereby grants, bargains, leases, assigns, and conveys to NEWFIELD an easement and right-of-way for the purpose of construction, using and maintaining access roads, locations for surface equipment and subsurface gathering lines for each well drilled upon the Lands, pipelines, and pipeline interconnections for two years from date of this agreement and so long thereafter as NEWFIELD's oil and gas leases remain in effect.

This Agreement shall be binding upon the respective heirs, executors, administrators, successors, and assigns of the undersigned.

This Agreement may be executed in any number of counterparts, each of which shall be deemed to be an original for all purposes.

These Parties hereto have executed this document effective as of the day first above written.

SURFACE OWNER

A-M, INC

NEWFIELD PRODUCTION COMPANY

By: 
Sam Arentz, President

By: _____
Dan Shewmake
Vice President - Development

STATE OF NEVADA)
)ss
COUNTY OF Washoe)

This instrument was acknowledged before me this 8th day of June, 2010 by **Sam Arentz, President for A-M, INC.**

Witness my hand and official seal.

My commission expires Aug 11, 2010

Johne Sue Bussard
Notary Public


STATE OF COLORADO)
)ss
COUNTY OF DENVER)

This instrument was acknowledged before me this _____ day of _____, 2010 by **Dan Shewmake, as Vice President of Development for Newfield Production Company**, a Texas corporation, on behalf of the corporation.

Witness my hand and official seal.

Notary Public

My commission expires _____

**MEMORANDUM
of
EASEMENT, RIGHT-OF-WAY
and
SURFACE USE AGREEMENT**

This Easement and Surface Use Agreement ("Agreement") is entered into this 2nd day of June, 2010 by and between, **Emerald Phoenix Oil Compay, LLC, Jim Ivers III, General Manager whose address is 111 Lincoln Road #4, Spokane, WA 99208**, ("Surface Owner," whether one or more), and **NEWFIELD PRODUCTION COMPANY**, a Texas corporation ("NEWFIELD"), with offices at 1001 Seventeenth Street, Suite 2000, Denver, Colorado 80202, covering certain lands, (the "Lands") situated in Duchesne County, Utah described as follows:

Township 4 South, Range 2 West Uintah Special Base and Meridian

Section 20: NESE, NWSE

Section 21: NESW, NWSW

**160 acres more or less
Duchesne County, Utah**

For and in consideration of the sum of ten dollars (\$10.00), and other valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby agree to the terms and provisions set forth as follows:

1. **Compensation for Well; Release of All Claims**

NEWFIELD shall pay to Surface Owner the sum as set forth in and according to the terms of that certain Letter Agreement for Easement, Right-of Way and Surface Use by and between Surface Owner and NEWFIELD, dated June 2, 2010, as full payment and satisfaction for any and all detriment, depreciation, injury or damage of any nature to the Lands or growing crops thereon that may occur as a result of NEWFIELD's drilling or completion operations or its continuing activities for the production or transportation of oil, gas, or other hydrocarbons or products associated with the foregoing including, but not limited to, surface use, access, pipelines, gathering lines, pipeline interconnections, and any and all other reasonable or customary uses of land related to said operations or activities.

2. **Grant of Right of Way and Easement**

Surface Owner hereby grants, bargains, leases, assigns, and conveys to NEWFIELD an easement and right-of-way for the purpose of construction, using and maintaining access roads, locations for surface equipment and subsurface gathering lines for each well drilled upon the Lands, pipelines, and pipeline interconnections for two years from date of this agreement and so long thereafter as NEWFIELD's oil and gas leases remain in effect.

This Agreement shall be binding upon the respective heirs, executors, administrators, successors, and assigns of the undersigned.

This Agreement may be executed in any number of counterparts, each of which shall be deemed to be an original for all purposes.

These Parties hereto have executed this document effective as of the day first above written.

SURFACE OWNER

EMERALD PHOENIX OIL COMPANY, LLC

By: 
Jim Ivers III, General Manager

NEWFIELD PRODUCTION COMPANY

By: _____
Dan Shewmake
Vice President - Development

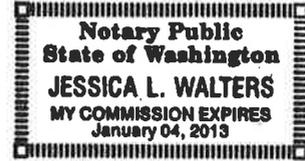
STATE OF WASHINGTON)
)ss
COUNTY OF Spokane)

This instrument was acknowledged before me this 10th day of June, 2010 by **Jim Ivers III, General Manager for Emerald Phoenix Oil Company, LLC.**

Witness my hand and official seal.

My commission expires Jan 4, 2013

Jessica L. Walters
Notary Public



STATE OF COLORADO)
)ss
COUNTY OF DENVER)

This instrument was acknowledged before me this _____ day of _____, 2010 by **Dan Shewmake, as Vice President of Development for Newfield Production Company**, a Texas corporation, on behalf of the corporation.

Witness my hand and official seal.

Notary Public

My commission expires _____

**MEMORANDUM
of
EASEMENT, RIGHT-OF-WAY
and
SURFACE USE AGREEMENT**

This Easement and Surface Use Agreement ("Agreement") is entered into this 2nd day of June, 2010 by and between, **Dale Meagher whose address is PO Box 122, Vernal, UT 84078**, ("Surface Owner," whether one or more), and NEWFIELD PRODUCTION COMPANY, a Texas corporation ("NEWFIELD"), with offices at 1001 Seventeenth Street, Suite 2000, Denver, Colorado 80202, covering certain lands, (the "Lands") situated in Duchesne County, Utah described as follows:

Township 4 South, Range 2 West Uintah Special Base and Meridian

Section 20: NESE, NWSE

Section 21: NESW, NWSW

**160 acres more or less
Duchesne County, Utah**

For and in consideration of the sum of ten dollars (\$10.00), and other valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby agree to the terms and provisions set forth as follows:

1. Compensation for Well; Release of All Claims

NEWFIELD shall pay to Surface Owner the sum as set forth in and according to the terms of that certain Letter Agreement for Easement, Right-of Way and Surface Use by and between Surface Owner and NEWFIELD, dated June 2, 2010, as full payment and satisfaction for any and all detriment, depreciation, injury or damage of any nature to the Lands or growing crops thereon that may occur as a result of NEWFIELD's drilling or completion operations or its continuing activities for the production or transportation of oil, gas, or other hydrocarbons or products associated with the foregoing including, but not limited to, surface use, access, pipelines, gathering lines, pipeline interconnections, and any and all other reasonable or customary uses of land related to said operations or activities.

2. Grant of Right of Way and Easement

Surface Owner hereby grants, bargains, leases, assigns, and conveys to NEWFIELD an easement and right-of-way for the purpose of construction, using and maintaining access roads, locations for surface equipment and subsurface gathering lines for each well drilled upon the Lands, pipelines, and pipeline interconnections for two years from date of this agreement and so long thereafter as NEWFIELD's oil and gas leases remain in effect.

This Agreement shall be binding upon the respective heirs, executors, administrators, successors, and assigns of the undersigned.

This Agreement may be executed in any number of counterparts, each of which shall be deemed to be an original for all purposes.

These Parties hereto have executed this document effective as of the day first above written.

SURFACE OWNER

DALE MEAGHER

By: *Dale Meagher*
Dale Meagher, Surface Owner

NEWFIELD PRODUCTION COMPANY

By: _____
Dan Shewmake
Vice President - Development

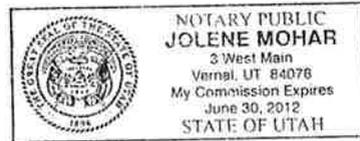
STATE OF Utah)
COUNTY OF Uintah)^{ss}

This instrument was acknowledged before me this 11 day of June, 2010 by **Dale Meagher**, Private Surface Owner.

Witness my hand and official seal.

My commission expires 6-30-12

Jolene Mohar
Notary Public



STATE OF COLORADO)
)^{ss}
COUNTY OF DENVER)

This instrument was acknowledged before me this _____ day of _____, 2010 by **Dan Shewmake**, as Vice President of Development for Newfield Production Company, a Texas corporation, on behalf of the corporation.

Witness my hand and official seal.

Notary Public

My commission expires _____

NEWFIELD PRODUCTION COMPANY
MEAGHER 10-20-4-2
NW/SE SECTION 20, T4S, R2W
DUCHESNE COUNTY, UTAH

TEN POINT DRILLING PROGRAM

1. **GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

2. **ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

Uinta	0' – 1,960'
Green River	1,960'
Wasatch	6,895'
Proposed TD	7,170'

3. **ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:**

Green River Formation (Oil) 1,960' – 6,895'

Fresh water may be encountered in the Uinta Formation, but would not be expected below about 350'. All water shows and water bearing geologic units shall be reported to the geologic and engineering staff of the Vernal Office prior to running the next string of casing or before plugging orders are requested. All water shows must be reported within one (1) business day after being encountered.

All usable (<10,000 PPM TDS) water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth and adequately protected. This information shall be reported to the Vernal Office.

Detected water flows shall be sampled, analyzed, and reported to the geologic & engineering staff of the Vernal Office. The office may request additional water samples for further analysis. Usage of the State of Utah form *Report of Water Encountered* is acceptable, but not required.

The following information is requested for water shows and samples where applicable:

Location & Sampled Interval	Date Sampled
Flow Rate	Temperature
Hardness	pH
Water Classification (State of Utah)	Dissolved Calcium (Ca) (mg/l)
Dissolved Iron (Fe) (ug/l)	Dissolved Sodium (Na) (mg/l)
Dissolved Magnesium (Mg) (mg/l)	Dissolved Carbonate (CO ₃) (mg/l)
Dissolved Bicarbonate (NaHCO ₃) (mg/l)	Dissolved Chloride (Cl) (mg/l)
Dissolved Sulfate (SO ₄) (mg/l)	Dissolved Total Solids (TDS) (mg/l)

4. **PROPOSED CASING PROGRAM**

a. **Casing Design: Meagher 10-20-4-2**

Size	Interval		Weight	Grade	Coupling	Design Factors		
	Top	Bottom				Burst	Collapse	Tension
Surface casing 8-5/8"	0'	400'	24.0	J-55	STC	2,950	1,370	244,000
						13.15	10.77	25.42
Prod casing 5-1/2"	0'	7,170'	15.5	J-55	LTC	4,810	4,040	217,000
						2.11	1.77	1.95

Assumptions:

- 1) Surface casing max anticipated surface press (MASP) = Frac gradient – gas gradient
- 2) Prod casing MASP (production mode) = Pore pressure – gas gradient
- 3) All collapse calculations assume fully evacuated casing w/ gas gradient
- 4) All tension calculations assume air weight

Frac gradient at surface casing shoe = 13.0 ppg
 Pore pressure at surface casing shoe = 8.33 ppg
 Pore pressure at prod casing shoe = 8.33 ppg
 Gas gradient = 0.115 psi/ft

All casing shall be new or, if used, inspected and tested. Used casing shall meet or exceed API standards for new casing.

All casing strings shall have a minimum of 1 (one) centralizer on each of the bottom three (3) joints.

b. **Cementing Design: Meagher 10-20-4-2**

Job	Fill	Description	Sacks	OH Excess*	Weight (ppg)	Yield (ft ³ /sk)
			ft ³			
Surface casing	400'	Class G w/ 2% CaCl	183	30%	15.8	1.17
			215			
Prod casing Lead	5,170'	Prem Lite II w/ 10% gel + 3% KCl	357	30%	11.0	3.26
			1165			
Prod casing Tail	2,000'	50/50 Poz w/ 2% gel + 3% KCl	363	30%	14.3	1.24
			451			

- *Actual volume pumped will be 15% over the caliper log
- Compressive strength of lead cement: 1800 psi @ 24 hours, 2250 psi @ 72 hours
 - Compressive strength of tail cement: 2500 psi @ 24 hours

Hole Sizes: A 12-1/4" hole will be drilled for the 8-5/8" surface casing. A 7-7/8" hole will be drilled for the 5-1/2" production casing.

The 8-5/8" surface casing shall in all cases be cemented back to surface. In the event that during the primary surface cementing operation the cement does not circulate to surface, or if the cement level should fall back more than 8 feet from surface, then a remedial surface cementing operation shall be performed to insure adequate isolation and stabilization of the surface casing.

5. **MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

The operator's minimum specifications for pressure control equipment are as follows:

An 8" Double Ram Hydraulic unit with a closing unit will be utilized. Function test of BOP's will be check daily.

Refer to **Exhibit C** for a diagram of BOP equipment that will be used on this well.

6. **TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

From surface to ±400 feet will be drilled with an air/mist system. The air rig is equipped with a 6 ½" blooie line that is straight run and securely anchored. The blooie line is used with a discharge less than 100 ft from the wellbore in order to minimize the well pad size. The blooie line is not equipped with an automatic igniter or continuous pilot light and the compressor is located less than 100 ft from the well bore due to the low possibility of combustion with the air dust mixture. The trailer mounted compressor (capacity of 2000 CFM) has a safety shut-off valve which is located 15 feet from the air rig. A truck with 70 bbls of water is on stand by to be used as kill fluid, if necessary. From about ±400 feet to TD, a fresh water system will be utilized. Clay inhibition and hole stability will be achieved with a KCl substitute additive. This additive will be identified in the APD and reviewed to determine if the reserve pit shall be lined. This fresh water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 8.4 lbs/gal. If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite

No chromate additives will be used in the mud system on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh aquifers.

No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of this well.

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

Newfield Production will **visually** monitor pit levels and flow from the well during drilling operations.

7. **AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

8. **TESTING, LOGGING AND CORING PROGRAMS:**

The logging program will consist of a Dual Induction, Gamma Ray and Caliper log from TD to base of surface casing @ 400' +/-, and a Compensated Neutron-Formation Density Log from TD to 3500' +/- . A cement bond log will be run from PBTD to cement top. No drill stem testing or coring is planned for this well.

9. **ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

No abnormal temperatures or pressures are anticipated. No hydrogen sulfide has been encountered or is known to exist from previous drilling in the area at this depth. Maximum anticipated

bottomhole pressure will approximately equal total depth in feet multiplied by a 0.433 psi/foot gradient.

10. **ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

It is anticipated that the drilling operations will commence the fourth quarter of 2010, and take approximately seven (7) days from spud to rig release.

2-M SYSTEM

Blowout Prevention Equipment Systems

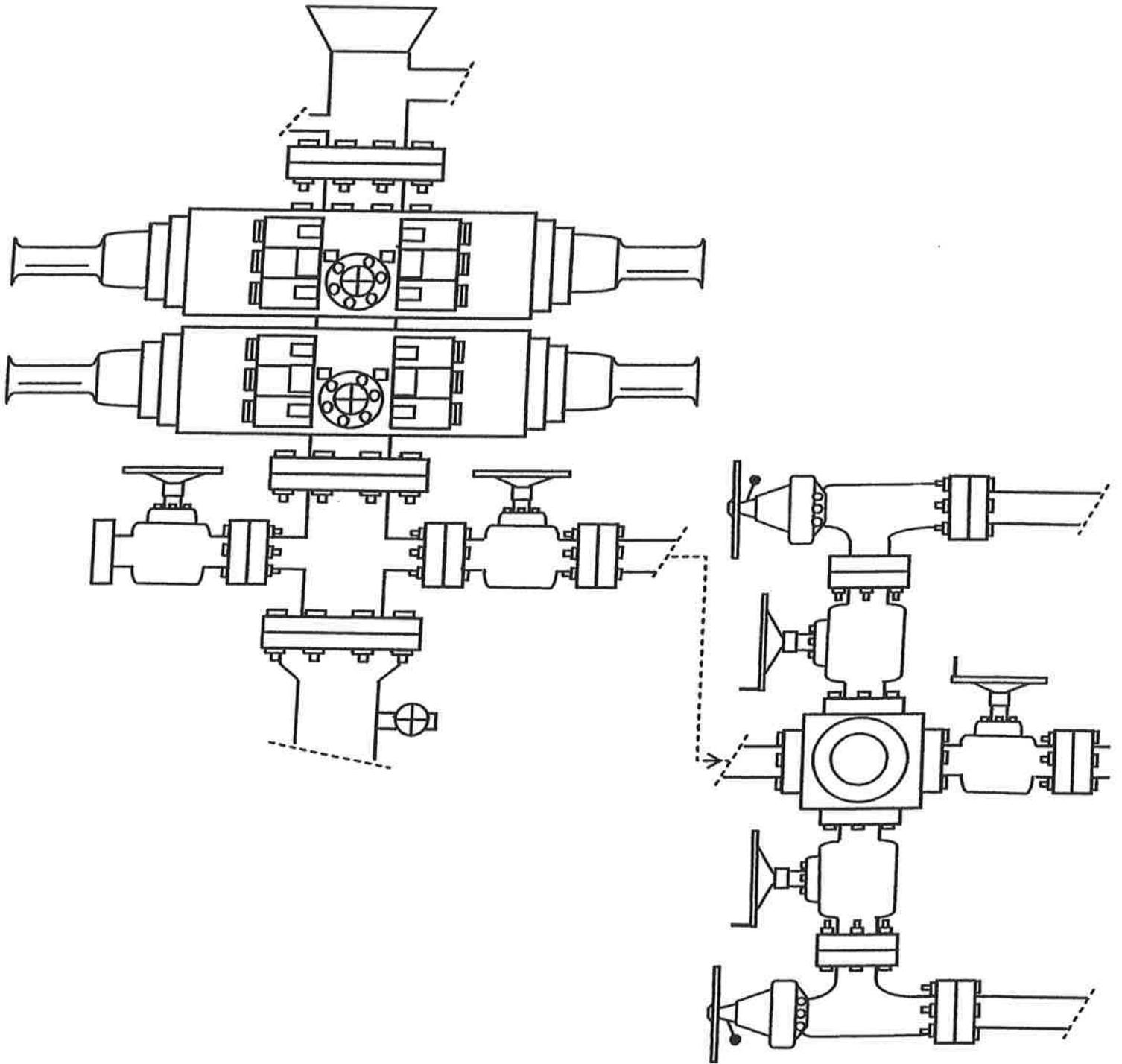
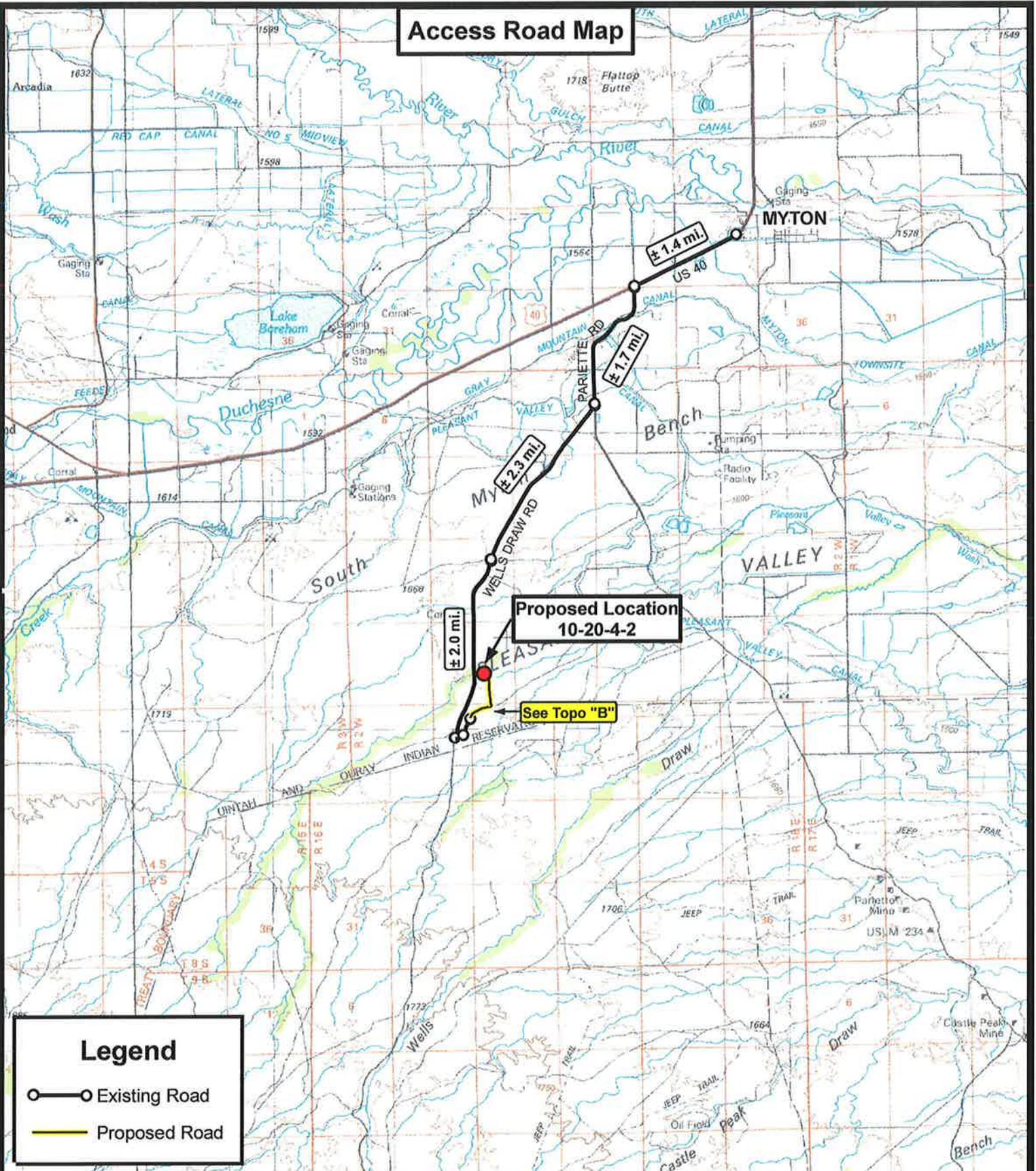


EXHIBIT C

Access Road Map



Tri State
Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

P: (435) 781-2501
 F: (435) 781-2518



NEWFIELD EXPLORATION COMPANY

10-20-4-2
 SEC. 20, T4S, R2W, U.S.B.&M.
 Duchesne County, UT.

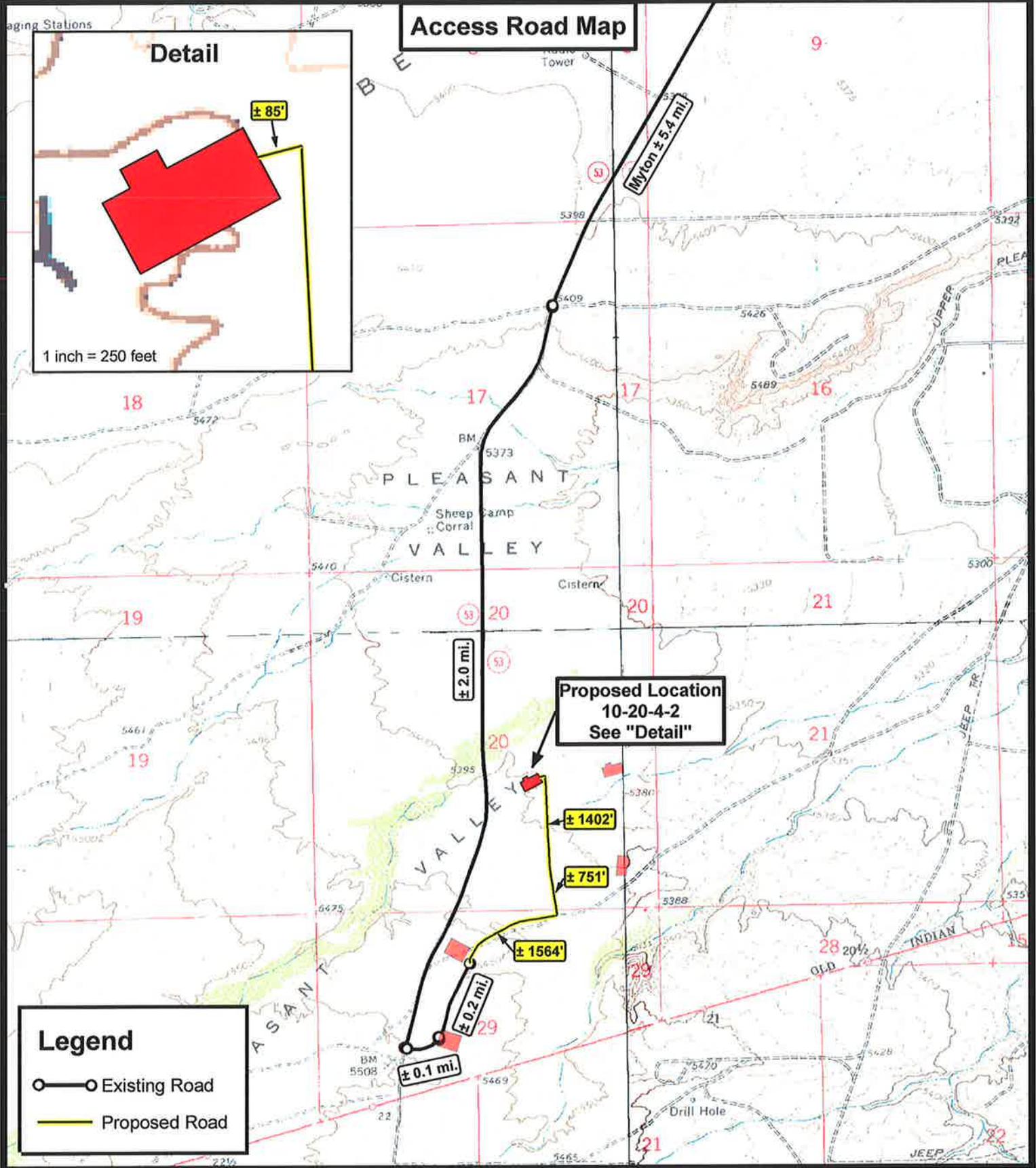
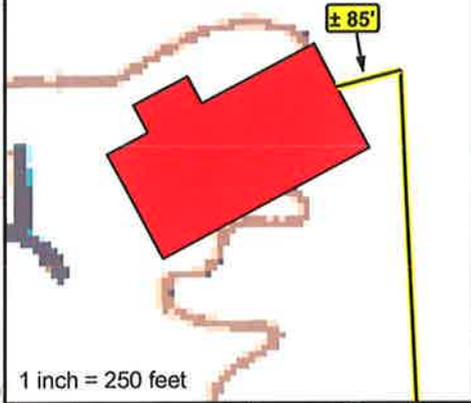
DRAWN BY: C.H.M.
 DATE: 03-08-2010
 SCALE: 1:100,000

TOPOGRAPHIC MAP

SHEET
A

Access Road Map

Detail



Legend

- Existing Road
- Proposed Road

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

P: (435) 781-2501
F: (435) 781-2518



NEWFIELD EXPLORATION COMPANY

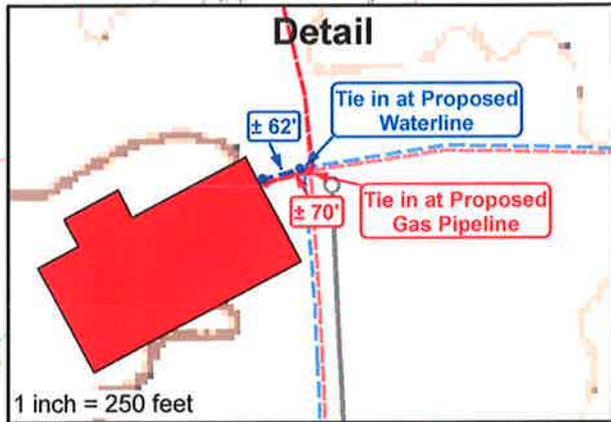
10-20-4-2
SEC. 20, T4S, R2W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY: C.H.M.
DATE: 03-08-2010
SCALE: 1" = 2,000'

TOPOGRAPHIC MAP

SHEET
B

Proposed Pipeline Map



**Proposed Location
10-20-4-2
See "Detail"**

Legend

- Proposed Waterline
- Proposed Gas Pipeline
- Existing Road

**Tri State
Land Surveying, Inc.**
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

P: (435) 781-2501
F: (435) 781-2518

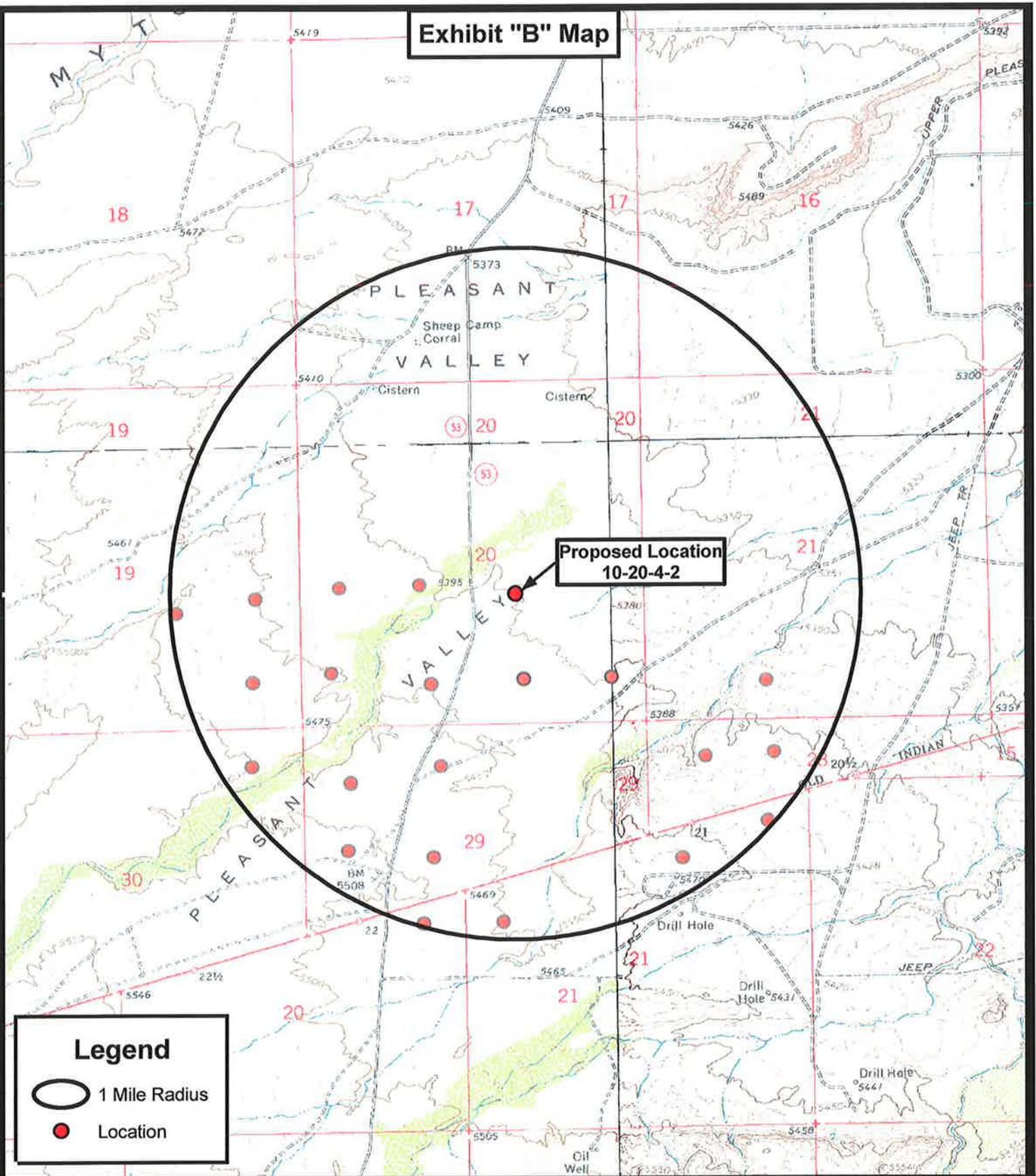


NEWFIELD EXPLORATION COMPANY
10-20-4-2
SEC. 20, T4S, R2W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY:	C.H.M.
DATE:	03-08-2010
SCALE:	1" = 2,000'

TOPOGRAPHIC MAP SHEET **C**

Exhibit "B" Map



Proposed Location
10-20-4-2

Legend

- 1 Mile Radius
- Location

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

P: (435) 781-2501
F: (435) 781-2518



NEWFIELD EXPLORATION COMPANY

10-20-4-2
SEC. 20, T4S, R2W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY:	C.H.M.
DATE:	03-08-2010
SCALE:	1" = 2,000'

TOPOGRAPHIC MAP

SHEET
D

NEWFIELD PRODUCTION COMPANY
MEAGHER 10-20-4-2
NW/SE SECTION 20, T4S, R2W
DUCHESNE COUNTY, UTAH

THIRTEEN POINT SURFACE PROGRAM

1. **EXISTING ROADS**

See attached **Topographic Map "A"**

To reach Newfield Production Company well location site Meagher 10-20-4-2 located in the NW¼ SE¼ Section 20, T4S, R2W, S.L.B. & M., Duchesne County, Utah:

Proceed in a southwesterly direction out of Myton, approximately 1.4 miles to it's junction with an existing road to the south; proceed in a southwesterly direction approximately 6.0 miles to it's junction with an existing road to the northeast; proceed northeasterly approximately 0.3 miles to it's junction with the beginning of the proposed access road; proceed northeasterly along the proposed access road approximately 1,564'; turn and continue in a northwesterly direction along the proposed access road approximately 2,153'; turn and continue in a westerly direction along the proposed access road approximately 85' to the proposed well location.

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to the point where Highway 216 exists to the South, thereafter the roads are constructed with existing materials and gravel. The highways are maintained by Utah State road crews. All other roads are maintained by County crews.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads for access during the drilling, completion and production phase will be maintained at the standards required by the State of Utah, or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal.

2. **PLANNED ACCESS ROAD**

Approximately 3,802' of access road is proposed. See attached **Topographic Map "B"**.

The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%.

There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road.

There are no fences encountered along this proposed road. There will be no new gates or cattle guards required.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

3. **LOCATION OF EXISTING WELLS**

Refer to **EXHIBIT B**.

4. **LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

There are no existing facilities that will be used by this well.

It is anticipated that this well will be a producing oil well.

Upon construction of a tank battery, the well pad will be surrounded by a dike of sufficient capacity to contain at minimum 110% of the largest tank volume within the facility battery.

Tank batteries will be built to State specifications.

All permanent (on site for six (6) months or longer) structures, constructed or installed (including pumping units), will be painted a flat, non-reflective, earth tone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within six months of installation.

5. **LOCATION AND TYPE OF WATER SUPPLY**

Newfield Production will transport water by truck for drilling purposes from the following water sources:

Johnson Water District
Water Right: 43-7478

Neil Moon Pond
Water Right: 43-11787

Newfield Collector Well
Water Right: 41-3530 (A30414DV, contracted with the Duchesne County Conservancy District).

There will be no water well drilled at this site

6. **SOURCE OF CONSTRUCTION MATERIALS**

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road.

A mineral material application is not required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

A small reserve pit (90' x 40' x 8' deep, or less) will be constructed from native soil and clay materials. The reserve pit will receive the processed drill cutting (wet sand, shale & rock) removed from the wellbore. Any drilling fluids, which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed. All drilling fluids will be fresh water based, typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride, chromates, trash, debris, nor any other substance deemed hazardous will be placed in this pit. A 16 mil liner with felt will be required. Newfield requests approval that a flare pit be constructed and utilized on this location.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

8. **ANCILLARY FACILITIES:**

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. **WELL SITE LAYOUT:**

See attached Location Layout Sheet.

Fencing Requirements

All pits will be fenced according to the following minimum standards:

- a) A 39-inch net wire shall be used with at least one strand of barbed wire on top of the net.
- b) The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
- c) Corner posts shall be centered and/or braced in such a manner to keep tight at all times
- d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.
- e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

10. **PLANS FOR RESTORATION OF SURFACE:**

a) **Producing Location**

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximated natural contours. Weather permitting, the reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.

b) **Dry Hole Abandoned Location**

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the State of Utah will attach the appropriate surface rehabilitation conditions of approval.

11. **SURFACE OWNERSHIP:** A-M Inc., Emerald Phoenix Oil Company, and Dale Meagher.
See the attached Memorandum of Surface Use Agreements.

12. **OTHER ADDITIONAL INFORMATION:**

Newfield Production Company requests 3,802' of planned access road to be granted. **Refer to Topographic Map "B"**. Newfield Production Company requests 4,061' of surface gas line to be granted. Newfield Production Company requests 62' of buried water line to be granted.

It is proposed that the disturbed area will be 60' wide to allow for construction of the proposed access road, a 10" or smaller gas gathering line, a 3" poly fuel gas line, a buried 3" steel water injection line and a buried 3" poly water return line. The planned access road will consist of a 18' permanent running surface (9' either side of the centerline) crowned and ditched in order to handle any run-off from any precipitation events that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be turnouts as needed along this road to allow for increases in potential traffic issues. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Both the proposed surface gas and buried water lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** The proposed water pipelines will be buried in a 4-5' deep trench constructed with a trencher or backhoe for the length of the proposal. The equipment will run on the surface and not be flat bladed to minimize surface impacts to precious topsoil in these High Desert environments. If possible, all proposed surface gas pipelines will be installed on the same side of the road as existing gas lines. The construction phase of the planned access road, proposed gas lines and proposed water lines will last approximately (5) days.

In the event that the proposed well is converted to a water injection well, a Sundry Notice form will be applied for through the State of Utah DOGM.

- a) Newfield Production Company is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, Newfield is to immediately stop work that might further disturb such materials and contact the Authorized Officer.
- b) Newfield Production will control noxious weeds along rights-of-way for roads, pipelines, well sites or other applicable facilities. On State administered land it is required that a Pesticide Use Proposal shall be submitted and given approval prior to the application of herbicides or other possible hazardous chemicals.

- c) Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on State Lands after the conclusion of drilling operations or at any other time without State authorization. However, if State authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.

Additional Surface Stipulations

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations, Onshore Oil and Gas Orders, the approved plan of operations and any applicable Notice to Lessees. A copy of these conditions will be furnished to the field representative to ensure compliance.

Hazardous Material Declaration

Newfield Production Company guarantees that during the drilling and completion of the Meagher 10-20-4-2, Newfield will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Newfield also guarantees that during the drilling and completion of the Meagher 10-20-4-2 Newfield will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Newfield Production Company or a contractor employed by Newfield Production shall contact the State office at (801) 722-3417, 48 hours prior to construction activities.

The State office shall be notified upon site completion prior to moving on the drilling rig.

13. **LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:**

Representative

Name: Tim Eaton
Address: Newfield Production Company
Route 3, Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

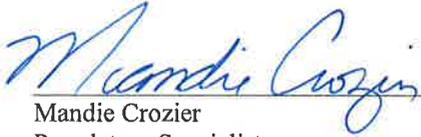
Certification

Please be advised that Newfield Production Company is considered to be the operator of well #10-20-4-2, NW/SE Section 20, T4S, R2W, Duchesne County, Utah and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Bond #B001834.

I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in

conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of the 18 U.S.C. 1001 for the filing of a false statement.

6/22/10
Date


Mandie Crozier
Regulatory Specialist
Newfield Production Company

2-M SYSTEM

Blowout Prevention Equipment Systems

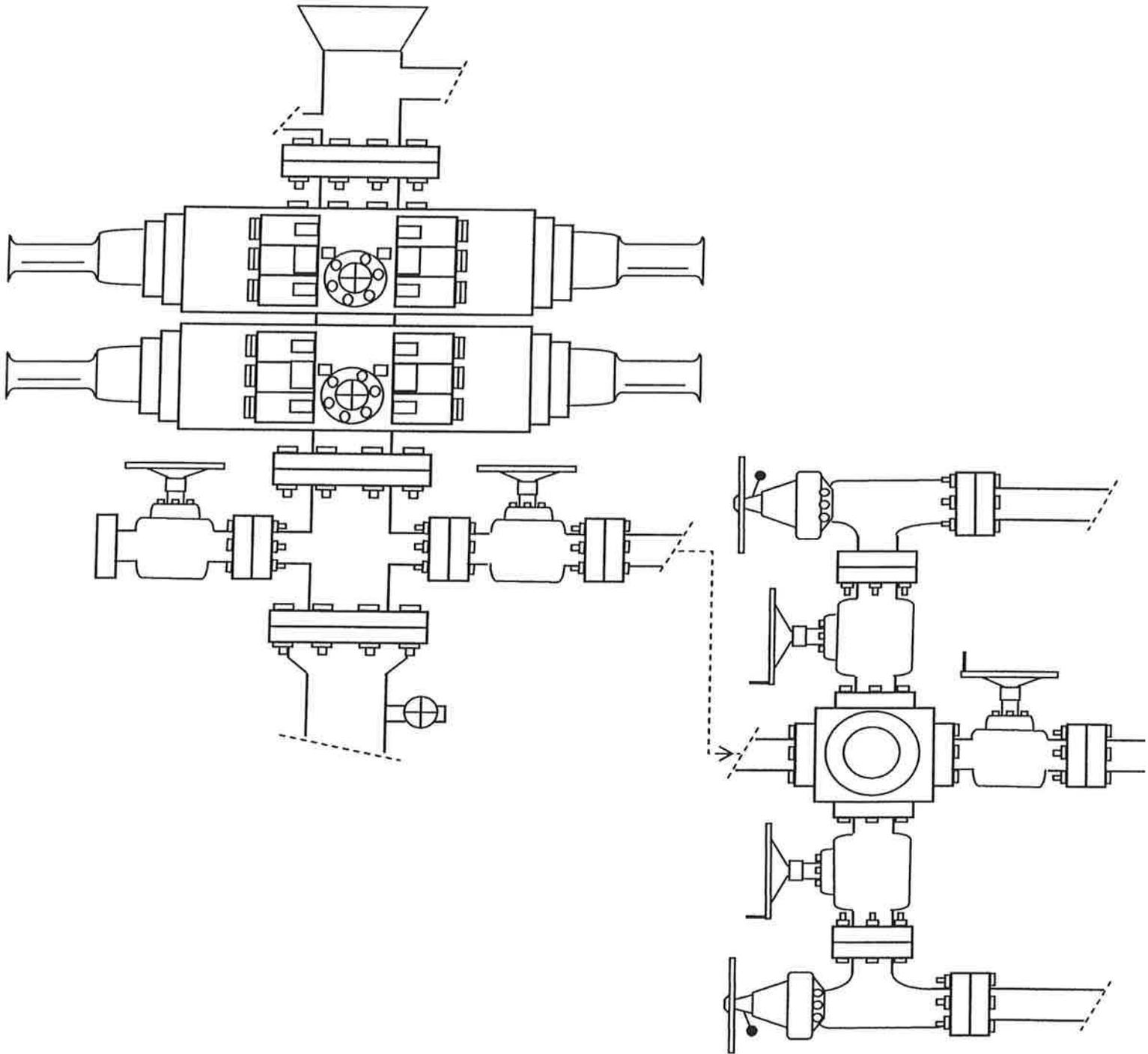
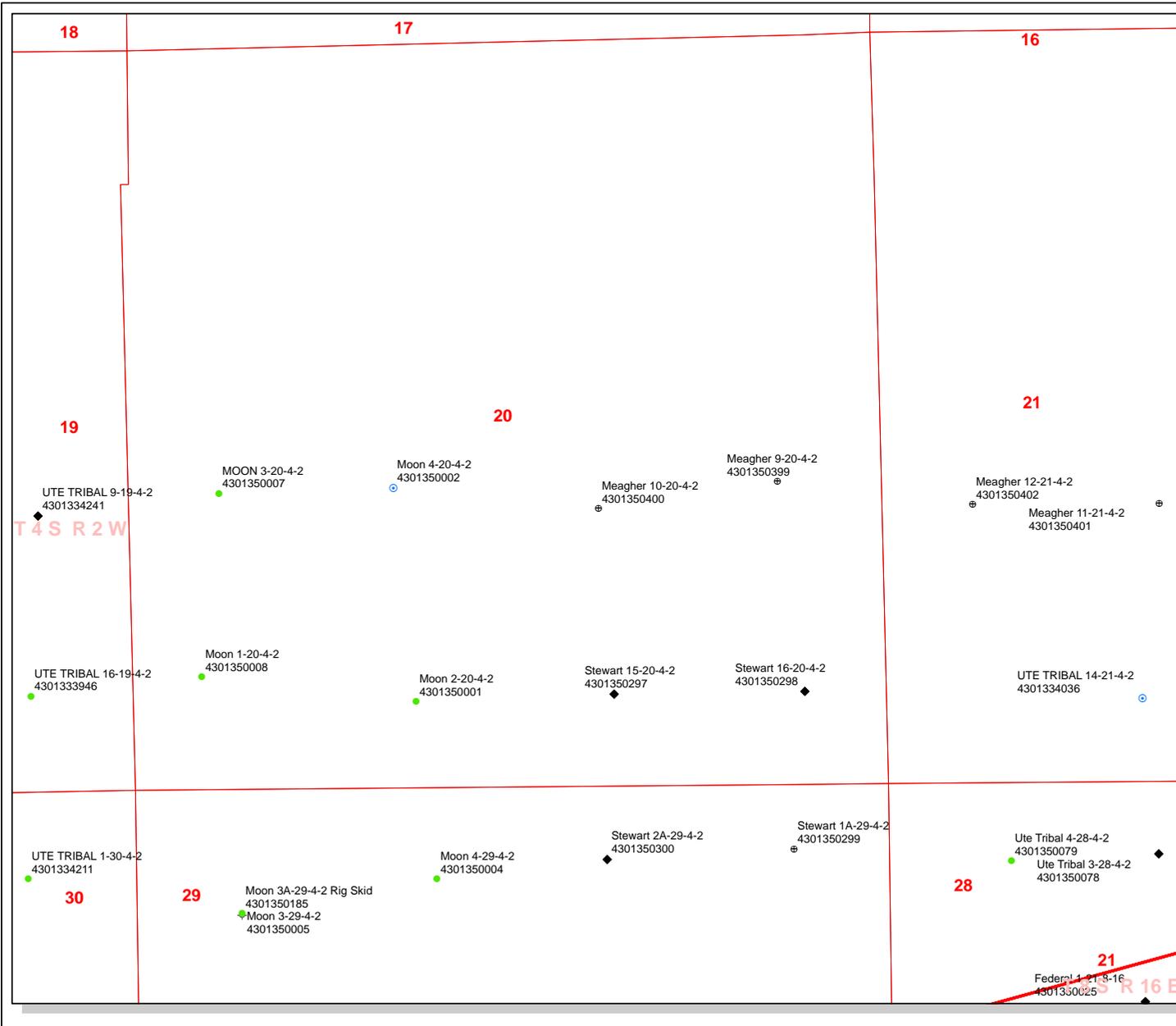


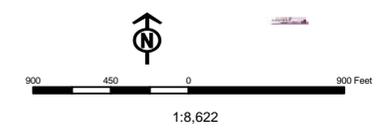
EXHIBIT C



API Number: 4301350400
Well Name: Meagher 10-20-4-2
Township 04.0 S Range 02.0 W Section 20
Meridian: UBM
 Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared:
 Map Produced by Diana Mason

- | | |
|---------------------|------------------------------------|
| Units STATUS | Wells Query |
| ACTIVE | <-all other values> |
| EXPLORATORY | APD - Approved Permit |
| GAS STORAGE | DRL - Spudded (Drilling Commenced) |
| NF PP OIL | GIW - Gas Injection |
| NF SECONDARY | GS - Gas Storage |
| PI OIL | LA - Location Abandoned |
| PP GAS | LOC - New Location |
| PP GEOTHERMAL | OPS - Operation Suspended |
| PP OIL | PA - Plugged Abandoned |
| SECONDARY | PGW - Producing Gas Well |
| TERMINATED | POW - Producing Oil Well |
| Fields | RET - Returned APD |
| Sections | SGW - Shut-in Gas Well |
| Township | SOW - Shut-in Oil Well |
| | TA - Temp. Abandoned |
| | TW - Test Well |
| | WDW - Water Disposal |
| | WW - Water Injection Well |
| | WSW - Water Supply Well |



Well Name	NEWFIELD PRODUCTION COMPANY Meagher 10-20-4-2 430135040000C		
String	Surf	Prod	
Casing Size(")	8.625	5.500	
Setting Depth (TVD)	400	7170	
Previous Shoe Setting Depth (TVD)	0	400	
Max Mud Weight (ppg)	8.3	8.3	
BOPE Proposed (psi)	500	2000	
Casing Internal Yield (psi)	2950	4810	
Operators Max Anticipated Pressure (psi)	3083	8.3	

Calculations	Surf String	8.625	"
Max BHP (psi)	.052*Setting Depth*MW=	173	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	125	YES air drill
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	85	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	85	NO OK
Required Casing/BOPE Test Pressure=		400	psi
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi *Assumes 1psi/ft frac gradient

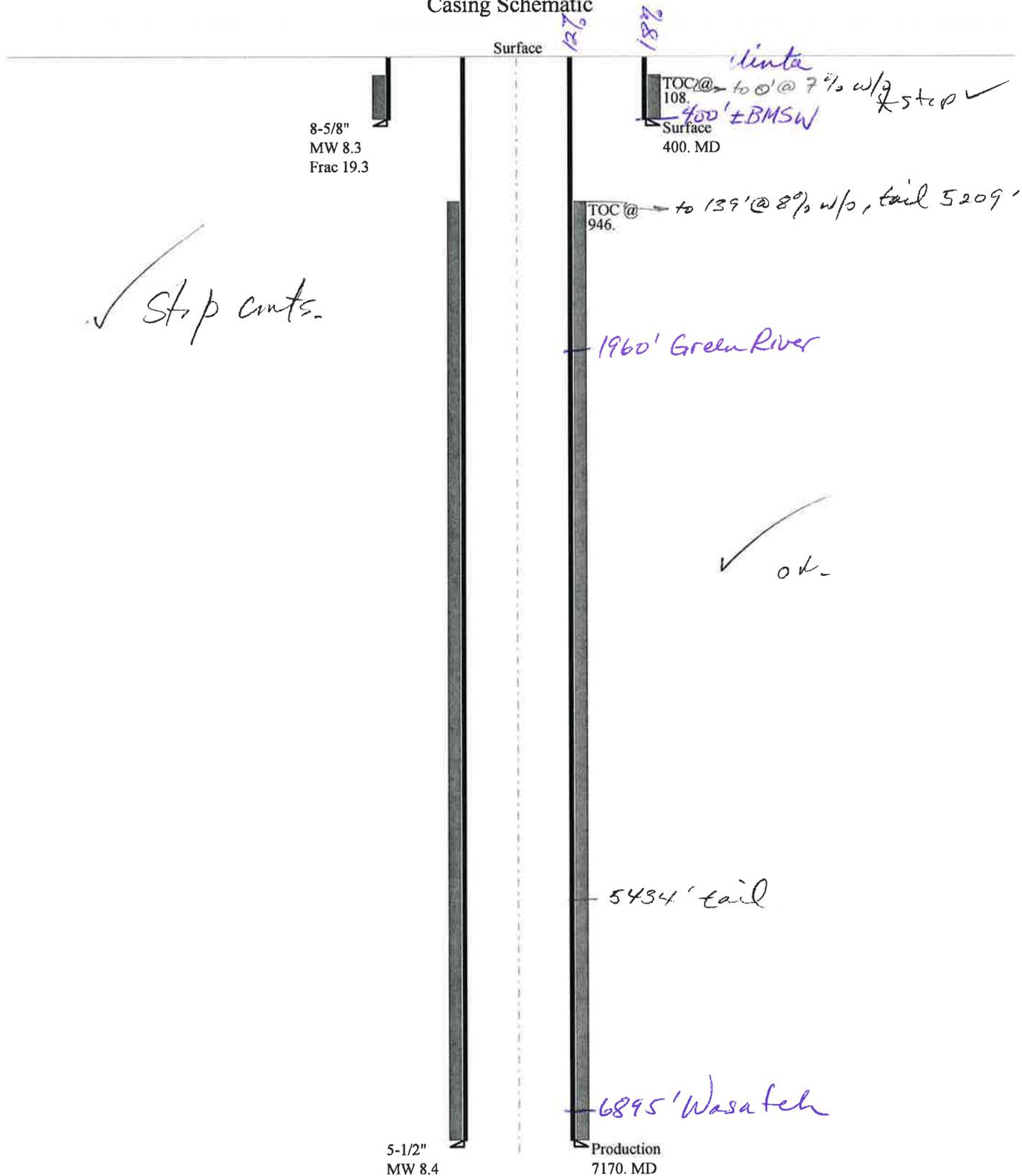
Calculations	Prod String	5.500	"
Max BHP (psi)	.052*Setting Depth*MW=	3095	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	2235	NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	1518	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	1606	NO Reasonable for area
Required Casing/BOPE Test Pressure=		2000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		400	psi *Assumes 1psi/ft frac gradient

Calculations	String		"
Max BHP (psi)	.052*Setting Depth*MW=		
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO
Required Casing/BOPE Test Pressure=			psi
*Max Pressure Allowed @ Previous Casing Shoe=			psi *Assumes 1psi/ft frac gradient

Calculations	String		"
Max BHP (psi)	.052*Setting Depth*MW=		
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO
Required Casing/BOPE Test Pressure=			psi
*Max Pressure Allowed @ Previous Casing Shoe=			psi *Assumes 1psi/ft frac gradient

43013504000000 Meagher 10-20-4-2

Casing Schematic



Well name:	4301350400000 Meagher 10-20-4-2		
Operator:	NEWFIELD PRODUCTION COMPANY		
String type:	Surface	Project ID:	43-013-50400
Location:	DUCHESNE COUNTY		

Design parameters:

Collapse

Mud weight: 8.330 ppg
 Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
 Surface temperature: 74 °F
 Bottom hole temperature: 80 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 100 ft

Cement top: 108 ft

Burst

Max anticipated surface pressure: 352 psi
 Internal gradient: 0.120 psi/ft
 Calculated BHP 400 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
 8 Round LTC: 1.70 (J)
 Buttress: 1.60 (J)
 Premium: 1.50 (J)
 Body yield: 1.50 (B)

Tension is based on air weight.
 Neutral point: 350 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 7,170 ft
 Next mud weight: 8.400 ppg
 Next setting BHP: 3,129 psi
 Fracture mud wt: 19.250 ppg
 Fracture depth: 400 ft
 Injection pressure: 400 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	400	8.625	24.00	J-55	ST&C	400	400	7.972	2059
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	173	1370	7.917	400	2950	7.38	9.6	244	25.42 J

Prepared by: Helen Sadik-Macdonald
 Div of Oil, Gas & Mining

Phone: 801 538-5357
 FAX: 801-359-3940

Date: July 20, 2010
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 400 ft, a mud weight of 8.33 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	4301350400000 Meagher 10-20-4-2		
Operator:	NEWFIELD PRODUCTION COMPANY		
String type:	Production	Project ID:	43-013-50400
Location:	DUCHESNE COUNTY		

Design parameters:

Collapse

Mud weight: 8.400 ppg
 Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
 Surface temperature: 74 °F
 Bottom hole temperature: 174 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 100 ft

Cement top: 946 ft

Burst

Max anticipated surface pressure: 1,551 psi
 Internal gradient: 0.220 psi/ft
 Calculated BHP 3,129 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
 8 Round LTC: 1.80 (J)
 Buttress: 1.60 (J)
 Premium: 1.50 (J)
 Body yield: 1.60 (B)

Non-directional string.

Tension is based on air weight.
 Neutral point: 6,259 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	7170	5.5	15.50	J-55	LT&C	7170	7170	4.825	25317
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	3129	4040	1.291	3129	4810	1.54	111.1	217	1.95 J

Prepared by: Helen Sadik-Macdonald
 Div of Oil, Gas & Mining

Phone: 801 538-5357
 FAX: 801-359-3940

Date: July 20, 2010
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 7170 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator NEWFIELD PRODUCTION COMPANY
Well Name Meagher 10-20-4-2
API Number 43013504000000 **APD No** 2727 **Field/Unit** UNDESIGNATED
Location: 1/4,1/4 NWSE **Sec** 20 **Tw** 4.0S **Rng** 2.0W 1972 **FSL** 1985 **FEL**
GPS Coord (UTM) **Surface Owner** Emerald Phoenix Oil Company

Participants

Floyd Bartlett (DOGM), Tim Eaton (Newfield Production).

Regional/Local Setting & Topography

The general area is approximately 7.7 road miles southwest of Myton, Duchesne County, UT in the middle Pleasant Valley Wash area. Pleasant Valley Wash is an ephemeral drainage, which joins the Pariette Draw drainage. The drainage shows no signs of recent significant flows. Pariette Draw runs into the Green River approximately 6 miles downstream from Ouray, Utah and about 11 miles downstream from the location. The area is above the agricultural lands of Pleasant Valley. Broad flats intersected by swales with gentle to moderate side slopes characterize topography. Access is by State, County and existing or planned oil field development roads. Approximately 3,717 of new construction extending across private land will be required to reach the location.

The proposed Meagher 10-20-4-2 oil well location is on a flat with a slight slope to the east. A wide swale with a defined drainage is about ¼ mile to the north. Also a swale exists to the northeast, which leads into this swale. Maximum excavation is a cut of 3.1 feet at Location Corner 3. No springs, streams, seeps or ponds are known to exist in the immediate area. The selected site appears to be a good location for constructing a pad, drilling and operating a well.

Three heirs of the M.J. Meagher estate own both the minerals and the surface.

Surface Use Plan

Current Surface Use

Wildlife Habitat

New Road Miles

0.7

Well Pad

Width 204 **Length** 305

Src Const Material

Onsite

Surface Formation

UNTA

Ancillary Facilities N

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna

Vegetation on the area is a desert shrub type. Vegetation includes yucca, halogeton, horsebrush, rabbit brush, mustard, broom snakeweed, cheatgrass, Indian ricegrass, globe mallow, shadscale, mat saltbrush, bud sage, curly mesquite, squirrel tail, winter fat and spring annuals.

Antelope, deer, prairie dogs, small mammals and birds. A burrowing owl was seen in the general area.

Soil Type and Characteristics

Deep sandy loam.

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diverson Required? N

Berm Required? Y

Erosion Sedimentation Control Required? N

Paleo Survey Run? N **Paleo Potential Observed?** N **Cultural Survey Run?** N **Cultural Resources?**

Reserve Pit

Site-Specific Factors

Site Ranking

Distance to Groundwater (feet)	100 to 200	5	
Distance to Surface Water (feet)	>1000	0	
Dist. Nearest Municipal Well (ft)	>5280	0	
Distance to Other Wells (feet)	300 to 1320	10	
Native Soil Type	Mod permeability	10	
Fluid Type	Fresh Water	5	
Drill Cuttings	Normal Rock	0	
Annual Precipitation (inches)		0	
Affected Populations			
Presence Nearby Utility Conduits	Not Present	0	
Final Score		30	1 Sensitivity Level

Characteristics / Requirements

A reserve pit 40' x 80' x 8' deep will be dug in the northwest corner of the location. A 10' outer bench is provided. The pit will be lined with a 16-mil liner and a sub-liner to cushion the liner as needed.

Closed Loop Mud Required? N **Liner Required?** Y **Liner Thickness** 16 **Pit Underlayment Required?** Y

Other Observations / Comments

Floyd Bartlett
Evaluator

6/28/2010
Date / Time

Application for Permit to Drill Statement of Basis

7/22/2010

Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
2727	43013504000000	LOCKED	OW	P	No
Operator	NEWFIELD PRODUCTION COMPANY		Surface Owner-APD	Emerald Phoenix Oil Company	
Well Name	Meagher 10-20-4-2		Unit		
Field	UNDESIGNATED		Type of Work	DRILL	
Location	NWSE 20 4S 2W U 1972 FSL 1985 FEL GPS Coord (UTM) 574118E 4441075N				

Geologic Statement of Basis

Newfield proposes to set 400' of surface casing at this location. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 400'. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the proposed location. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. The proposed casing and cement should adequately protect ground water in this area.

Brad Hill
APD Evaluator

7/6/2010
Date / Time

Surface Statement of Basis

The general area is approximately 7.7 road miles southwest of Myton, Duchesne County, UT in the middle Pleasant Valley Wash area. Pleasant Valley Wash is an ephemeral drainage, which joins the Pariette Draw drainage. The drainage shows no signs of recent significant flows. Pariette Draw runs into the Green River approximately 6 miles downstream from Ouray, Utah and about 11 miles downstream from the location. The area is above the agricultural lands of Pleasant Valley. Broad flats intersected by swales with gentle to moderate side slopes characterize topography. Access is by State, County and existing or planned oil field development roads. Approximately 3,717 of new construction extending across private land will be required to reach the location.

The proposed Meagher 10-20-4-2 oil well location is on a flat with a slight slope to the east. A wide swale with a defined drainage is about ¼ mile to the north. Also a swale exists to the northeast, which leads into this swale. Maximum excavation is a cut of 3.1 feet at Location Corner 3. No springs, streams, seeps or ponds are known to exist in the immediate area. The selected site appears to be a good location for constructing a pad, drilling and operating a well.

Three heirs of the M.J. Meagher estate own both the minerals and the surface. Phone contact was made with Ms. Dale Meagher and Samuel Arentz (A-M INC) to invite them to the pre-site visit. Neither desired to attend. Mr. Samuel Arentz also stated that there was no need to contact Mr. Jim Ivers III of Emerald Phoenix Oil Corp., as he would not desire to attend. Signed landowner agreements exist with all surface owners.

Floyd Bartlett
Onsite Evaluator

6/28/2010
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.
Surface	The reserve pit shall be fenced upon completion of drilling operations.

**Application for Permit to Drill
Statement of Basis**

7/22/2010

Utah Division of Oil, Gas and Mining

Page 2

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 6/22/2010

API NO. ASSIGNED: 43013504000000

WELL NAME: Meagher 10-20-4-2

OPERATOR: NEWFIELD PRODUCTION COMPANY (N2695)

PHONE NUMBER: 435 646-4825

CONTACT: Mandie Crozier

PROPOSED LOCATION: NWSE 20 040S 020W

Permit Tech Review:

SURFACE: 1972 FSL 1985 FEL

Engineering Review:

BOTTOM: 1972 FSL 1985 FEL

Geology Review:

COUNTY: DUCHESNE

LATITUDE: 40.11862

LONGITUDE: -110.13023

UTM SURF EASTINGS: 574118.00

NORTHINGS: 4441075.00

FIELD NAME: UNDESIGNATED

LEASE TYPE: 4 - Fee

LEASE NUMBER: FEE

PROPOSED PRODUCING FORMATION(S): GREEN RIVER

SURFACE OWNER: 4 - Fee

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

- PLAT**
- Bond:** STATE/FEE - B001834
- Potash**
- Oil Shale 190-5**
- Oil Shale 190-3**
- Oil Shale 190-13**
- Water Permit:** 437478
- RDCC Review:**
- Fee Surface Agreement**
- Intent to Commingle**

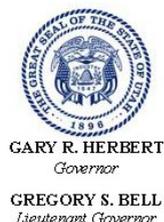
Commingle Approved

LOCATION AND SITING:

- R649-2-3.**
- Unit:**
- R649-3-2. General**
- R649-3-3. Exception**
- Drilling Unit**
- Board Cause No:** Cause 266-01
- Effective Date:** 5/5/2009
- Siting:** 460' Fr Drl U Bdry & 920' Fr Other Wells
- R649-3-11. Directional Drill**

Comments: Presite Completed

Stipulations: 5 - Statement of Basis - bhill
25 - Surface Casing - hmacdonald



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: Meagher 10-20-4-2
API Well Number: 43013504000000
Lease Number: FEE
Surface Owner: FEE (PRIVATE)
Approval Date: 7/22/2010

Issued to:

NEWFIELD PRODUCTION COMPANY , Rt 3 Box 3630 , Myton, UT 84052

Authority:

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 266-01. The expected producing formation or pool is the GREEN RIVER Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

Surface casing shall be cemented to the surface.

Additional Approvals:

The operator is required to obtain approval from the Division of Oil, Gas and mining before performing any of the following actions during the drilling of this well:

- Any changes to the approved drilling plan – contact Dustin Doucet
- Significant plug back of the well – contact Dustin Doucet
- Plug and abandonment of the well – contact Dustin Doucet

Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well – contact Carol Daniels
- OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at <https://oilgas.ogm.utah.gov>

- 24 hours prior to testing blowout prevention equipment - contact Dan Jarvis
- 24 hours prior to cementing or testing casing – contact Dan Jarvis
- Within 24 hours of making any emergency changes to the approved drilling program – contact Dustin Doucet
- 24 hours prior to commencing operations to plug and abandon the well – contact Dan Jarvis

Contact Information:

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voicemail message if the person is not available to take the call):

- Carol Daniels 801-538-5284 - office
- Dustin Doucet 801-538-5281 - office
801-733-0983 - after office hours
- Dan Jarvis 801-538-5338 - office
801-231-8956 - after office hours

Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) – due within 5 days of spudding the well
- Monthly Status Report (Form 9) – due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) – due prior to implementation
- Written Notice of Emergency Changes (Form 9) – due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) – due prior to implementation
- Report of Water Encountered (Form 7) – due within 30 days after completion
- Well Completion Report (Form 8) – due within 30 days after completion or plugging

Approved By:



Acting Associate Director, Oil & Gas

Spud
BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration

Rig Name/# Ross #29

Submitted By Mitch Benson

Phone Number (435) 823-5885

Name/Numer MEAGHER 10-20-4-2

Qtr/Qrt NW/SE Section 20 Township 4S Range 2W

Lease Serial Number FEE

API Number 43-013-50400

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time 11/20/2010 8:00:00 AM

Casing – Please report time casing run starts, not cementing times.

- Surface Casing
- Intermediate
- Production Casing
- Liner
- Other

Date/Time 11/20/2010 2:00:00 PM

Remarks:

STATE OF UTAH
 DIVISION OF OIL, GAS AND MINING
 ENTITY ACTION FORM -FORM 6

OPERATOR: **NEWFIELD PRODUCTION COMPANY**
 ADDRESS: **RT. 3 BOX 3630**
MYTON, UT 84052

OPERATOR ACCT. NO. **N2695**

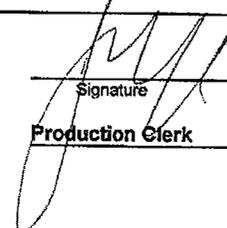
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	17872	4301334241	UTE TRIBAL 9-19-4-2	NESE	19	4S	2W	DUCHESNE	11/20/2010	11/29/10
WELL 1 COMMENTS: GRRV											
CONFIDENTIAL											
A	99999	17873	4301350400	MEAGHER 10-20-4-2	NWSE	20	4S	2W	DUCHESNE	11/20/2010	11/29/10
WELL 1 COMMENTS: GRRV											
B	99999	17400	4301350241	GREATER MON BUTTE T-25-8-16	NWSW	30 25	8S	17E 16E	DUCHESNE	11/17/2010	11/29/10
WELL 1 COMMENTS: GRRV BHL = Sec 25 Range 16E SESE											
B	99999	17400	4301350283	GREATER MON BUTTE A-10-9-16	SESE	3 10	9S	16E	DUCHESNE	11/22/2010	11/29/10
WELL 1 COMMENTS: GRRV BHL = Sec 10 NENE											
B	99999	17400	4301350256	GREATER MON BUTTE O-2-9-16	SENE	3 2	9S	16E	DUCHESNE	11/18/2010	11/29/10
WELL 1 COMMENTS: GRRV BHL = Sec 2 NWSW											
B	99999	17400	4301350255 4301347472	GREATER MON BUTTE F-2-9-16	SENE SWNW	3 2	9S	16E	DUCHESNE	11/18/2010	11/29/10
WELL 1 COMMENTS: GRRV BHL = Sec 2 SWNW											

- ACTION CODES (See instructions on back of form)
- A - 1 new entity for new well (single well only)
 - B - well to existing entity (group or unit well)
 - C - from one existing entity to another existing entity
 - D - well from one existing entity to a new entity
 - E - other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

RECEIVED
NOV 23 2010

DIV. OF OIL, GAS & MINING


 Signature _____ **Jentri Park**
 Production Clerk _____ **11/23/10**

STATE OF UTAH
 DEPARTMENT OF NATURAL RESOURCES
 DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL:			5. LEASE DESIGNATION AND SERIAL NUMBER: FEE	
OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY			7. UNIT or CA AGREEMENT NAME:	
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052			8. WELL NAME and NUMBER: MEAGHER 10-20-4-2	
4. LOCATION OF WELL: FOOTAGES AT SURFACE:			9. API NUMBER: 4301350400	
OTR/OTR. SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE, 20, T4S, R2W			10. FIELD AND POOL, OR WILDCAT: MYTON-TRIBAL EDA	
			COUNTY: DUCHESNE	
			STATE: UT	

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____ <input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Wrk Completion: 11/23/2010	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Spud Notice
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 11/20/10 MIRU Ross Rig # 29. Spud well @ 8:00 PM. Drill 435' of 12 1/4" hole with air mist. TIH W/ 10 Jt's 8 5/8" J-55 24 # csgn. Set @ 435.33 KB On 11/22/10 cement with 215 sks of class "G" w/ 2% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 6 bbls cement to pit. WOC.

RECEIVED
DEC 07 2010
 DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Alvin Nielsen TITLE Drilling Foreman

SIGNATURE *Alvin Nielsen* DATE 11/23/2010

(This space for State use only)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:
FEE

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
MEAGHER 10-20-4-2

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301350400

3. ADDRESS OF OPERATOR:
Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER
435.646.3721

10. FIELD AND POOL, OR WILDCAT:
MYTON-TRIBAL EDA

4. LOCATION OF WELL:
FOOTAGES AT SURFACE:

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NWSE, 20, T4S, R2W

STATE: UT

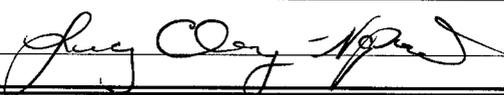
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: <u>12/29/2010</u>	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
The above subject well was completed on 12-29-10, attached is a daily completion status report.

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Administrative Assistant

SIGNATURE 

DATE 01/04/2011

(This space for State use only)

RECEIVED
JAN 06 2011

DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

MEAGHER 10-20-4-2

10/1/2010 To 2/28/2011

12/13/2010 Day: 1

Completion

Rigless on 12/13/2010 - Run CBL & shoot first stage. - Install 5M frac head. NU 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 7079' cement top @ 0'. Perforate Wasatch sds as shown in perforation report. 169 BWTR. SWIFN.

Daily Cost: \$0

Cumulative Cost: \$12,617

12/15/2010 Day: 2

Completion

Rigless on 12/15/2010 - Frac well. Frac 4 stages. SIFN. - Stage #2; RU PSI WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" composite (6K) flow through frac plug & perf gun. Set plug @ 6760'. Perforate CP5 sds w/ 3-1/8" Slick Guns (16 gram, .34"EH, 120°, 21"pen) w/ 3 spf for total of 21 shots. RU BJ & open well w/ 2755 psi on casing. Perfs broke down @ 3091 psi back to 2740 psi w/ 2 bbls fluid @ 3 bpm. Frac w/ 19,896#'s of 20/40 sand in 349 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 3118 w/ ave rate of 25 bpm w/ 6 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2808 w/ .86FG. 5 min was 2721. 10 min was 2685. 15 min was 2654. Leave pressure on well. 980 bbls EWTR. - Stage #3; RU WLT. RIH w/ frac plug & perf gun. Set plug @ 6460'. Perforate CP.5 sds w/ 3 spf for total of 12 shots. RU BJ & open well w/ 2338 psi on casing. Perfs broke down @ 2490 psi back to 2413 psi w/ 2 bbls fluid @ 3 bpm. Frac w/ 9705#'s of 20/40 sand in 249 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2906 w/ ave rate of 22 bpm w/ 6 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2377 w/ .81FG. 5 min was 2342. 10 min was 2324. 15 min was 2319. Leave pressure on well. 1229 bbls EWTR. - Stage #4; RU WLT. RIH w/ Weatherford (6K) solid composite frac plug & perf guns. Set plug @ 6160'. Perforate LODC sds w/ 3 spf for total of 78 shots in 2 runs. RU BJ & open well w/ 2285 psi on casing. Perfs broke down @ 2852 psi back to 1667 psi w/ 2 bbls fluid @ 4 bpm. ISIP was 1515 w/ .69FG. 1 min was 1165. 4 min was 855. Pump 48 bbls of 15% HCL acid w/ 200 bioballs. Ball off twice. ISIP was 2000 w/ .77FG. 5 min was 1733. 10 min was 1588. 15 min was 1391. Surge balls off. Frac w/ 330,246#'s of 20/40 sand in 2366 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2976 w/ ave rate of 63 bpm w/ step up to 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2654 w/ .88FG. 5 min was 2406. 10 min was 2226. 15 min was 2081. Leave pressure on well. 3595 bbls EWTR. - Stage #1; RU BJ Services "Ram Head" frac flange. RU BJ & open well w/ 50 psi on casing. Perfs broke down @ 4003 psi back to 2818 psi w/ 4 bbls fluid @ 4 bpm. ISIP was 2844 w/ .84FG. 1 min was 2790. 4 min was 2720. Pump 6 bbls of 15% HCL acid (had 500 psi drop when hit perfs). Frac w/ 30,195#'s of 20/40 sand in 462 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 3474 w/ ave rate of 25 bpm w/ 6 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 3235 w/ .89FG. 5 min was 3041. 10 min was 3004. 15 min was 2967. Leave pressure on well. 631 bbls EWTR.

Daily Cost: \$0

Cumulative Cost: \$145,667

12/16/2010 Day: 3

Completion

Rigless on 12/16/2010 - Finish frac 3 stages. Flow well back. - Stage #5; Thaw well out. RU WLT. RIH w/ frac plug & perf gun. Set plug @ 5860'. Perforate A.5 sds w/ 3 spf for total of 39

shots. RU BJ & open well w/ 485 psi on casing. Perfs broke down @ 1637 psi back to psi w/ 3 bbls fluid @ 5 bpm. Frac w/ 101,047#'s of 20/40 sand in 806 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2761 w/ ave rate of 41 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 3052 w/ .96FG. 5 min was 2763. 10 min was 2662. 15 min was 2466. Leave pressure on well. 4401 bbls EWTR. - Stage #6; RU WLT. RIH w/ frac plug & perf gun. Set plug @ 5720'. Perferate B.5/D1 sds w/ 3 spf for total of 27 shots. RU BJ & open well w/ 1346 psi on casing. Perfs broke down @ 1500 psi back to 1500 psi w/ 2 bbls fluid @ 5 bpm. Frac w/ 29,893#'s of 20/40 sand in 400 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 1991 w/ ave rate of 40 bpm w/ 6 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1555 w/ .72FG. 5 min was 1422. 10 min was 1367. 15 min was 1361. Leave pressure on well. 4801 bbls EWTR. - Stage #7; RU WLT. RIH w/ frac plug & perf gun. Set plug @ 4920'. Perferate GB4 sds w/ 3 spf for total of 12 shots. Wait on sand. RU BJ & open well w/ 1154 psi on casing. Perfs broke down @ 2749 psi back to 2661 psi w/ 2 bbls fluid @ 4 bpm. Frac w/ 15,609#'s of 20/40 sand in 254 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 3357 w/ ave rate of 22 bpm w/ 6 ppg of sand. ISIP was 2837 w/ 1.02FG. 5055 bbls EWTR. RD BJ & WLT. Flow well back. Flow back for 2 hours & went to oil & gas. SIFN w/ 4800 bbls EWTR.

Daily Cost: \$0

Cumulative Cost: \$247,279

12/17/2010 Day: 4

Completion

WWS #5 on 12/17/2010 - Set kill plug. MIRUSU. PU tbg. - Thaw well out. Open well w/ 600 psi on casing. Pump 7 bbls water down casing to 2000 psi. RU PSI WLT w/ lubricator. RIH w/ solid composite plug & set @ 4550'. RD WLT. MIRUSU. RD Cameron BOP's & frac head. Instal 3M production tbg head & Schefer BOP's. RU 4-3/4" Chomp mill & x-over sub. Tally, drift, PU & TIH w/ new J-55, 2-7/8", 6.5#, 8EUE tbg to leave EOT @ 4494'. Circulate well clean. SIFN.

Daily Cost: \$0

Cumulative Cost: \$300,290

12/19/2010 Day: 5

Completion

WWS #5 on 12/19/2010 - Drlg out plugs. - RU pump, tanks & swivel. Drlg kill plug in 21 min. TIH to tag fill @ 4602'. C/O to plug @ 4920'. Continue TIH w/ tbg drlg out plugs. Left EOT @ 6780'. Circulate well clean. SIFN w/ 4750 bbls EWTR.

Daily Cost: \$0

Cumulative Cost: \$306,115

12/20/2010 Day: 6

Completion

WWS #5 on 12/20/2010 - C/O to PBTD. Swab well for cleanout. - Thaw well out. Open well w/ 500 psi on casing. RU pump & tanks. C/O to PBTD @ 7085'. LD 3 jts tbg. RU swab equipment. Made 25 runs & rec's 225 bbls fluid. FFL was 900'. Last run showed trace of oil w/ a lot of sand. SIFN w/ 4525 bbls EWTR.

Daily Cost: \$0

Cumulative Cost: \$311,360

12/22/2010 Day: 7

Completion

WWS #5 on 12/22/2010 - Swab well & flow well. SIFN waiting on Hot Oiler. - Thaw well out. Open well w/ 650 psi on casing. RU Hot oiler & heat flat tank. RU swab equip. Made 8 runs rec'd 50 bbls fluid & well started flowing. Flowed for 100 bbls. Ended @ 50% oil, good gas w/

trace of sand. SIFN w/ 4200 bbls EWTR. - Thaw well out & hot oiler said he had to go to another well. Open well w/ 450 psi on casing. RU swab equipment. Made 6 runs & well started flowing to make 180 bbls of fluid w/ lot of sand & 50% oil. Flat tank full of oil. Wait on hot oiler. NO SHOW due to weather. SIFN w/ 4345 bbls EWTR. - Thaw well out. Open well w/ 650 psi on casing. RU Hot oiler & heat flat tank. RU swab equip. Made 8 runs rec'd 50 bbls fluid & well started flowing. Flowed for 100 bbls. Ended @ 50% oil, good gas w/ trace of sand. SIFN w/ 4200 bbls EWTR. - Thaw well out & hot oiler said he had to go to another well. Open well w/ 450 psi on casing. RU swab equipment. Made 6 runs & well started flowing to make 180 bbls of fluid w/ lot of sand & 50% oil. Flat tank full of oil. Wait on hot oiler. NO SHOW due to weather. SIFN w/ 4345 bbls EWTR.

Daily Cost: \$0

Cumulative Cost: \$315,130

12/23/2010 Day: 9

Completion

WWS #5 on 12/23/2010 - C/O sand. Lost circulation @ 3 bpm. Need bigger pump. - Thaw well out. Open well w/ 800 psi on casing. TIH w/ tbg & tag sand @ 6884'. C/O to 6943' & lost circulation. Pump 100 bbls & caught circulation but not good (1/2). TOO H w/ tbg to leave EOT @ 6818'. SIFN. Will get bigger pump for Monday.

Daily Cost: \$0

Cumulative Cost: \$328,064

12/27/2010 Day: 10

Completion

WWS #5 on 12/27/2010 - Lossing a lot of water. C/O sand. TOO H w/ tbg. Fish parted tbg. - Thaw well out. Open well w/ 800 psi on casing. C/O 36' of sand but lost 80 b bls water. RU 2nd rig pump. C/O sand to PBDT @ 7085'. Lost 280 bbls water. TOO H w/ tbg. 51 std out parted tbg w/ pipe rams. RU 4-9/16" over shot w/ 3-1/8" graphel & fish tbg. SIFN w/ 4400 bbls EWTR.

Daily Cost: \$0

Cumulative Cost: \$333,782

12/28/2010 Day: 11

Completion

WWS #5 on 12/28/2010 - TIH w/ production. - Open well w/ 100 psi on casing. Continue TOO H w/ fish. LD tools. TOO H w/ tbg. LD mill & X-over sub (looks good some bent tbg). TIH w/ BP, 3 jts tbg, PBGA, 1 jt tbg, SN, 1 jt tbg, TA new 45,000# shear, 216 jts tbg. RD BOP's. Set TA @ 6792' w/ 18,000#'s tension w/ SN @ 6826' & EOT @ 6960'. Flush tbg w/ 50 bbls water. Pick-up & prime pump. TIH w/ new 2-1/2" x 1-1/2" x 16' x 20' Cntrl HydrI RHAC pump w/ 183"SL, 6- 1-1/2" weight rods, 166- 3/4" guided rods. 1-1/2" x 26' polish rod. SIFN.

Daily Cost: \$0

Cumulative Cost: \$338,164

12/29/2010 Day: 12

Completion

WWS #5 on 12/29/2010 - Continue PU rods. Put well on pump. Final Report. - Open well w/ 150 psi on casing. Continue PU rods. 98- 7/8" guided rods, 2', 4', 6', 8' x 7/8" pony rods, 1-1/2" x 30' polish rod. Space pump. Test tbg & pump to 800 psi w/ 5 bbls. RDMOSU. POP @ 10:30AM w/ 122"SL @ 5 SPM w/ 4400 bbls EWTR. Final Report. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$380,071

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
FEE

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
MEAGHER 10-20-4-2

9. AFI Well No.
43-013-50400

10. Field and Pool or Exploratory
MYTON-TRIBAL EDA

11. Sec., T., R., M., on Block and
Survey or Area
SEC. 20, T4S, R2W

12. County or Parish
DUCHESNE

13. State
UT

1a. Type of Well Oil Well Gas Well Dry Other

b. Type of Completion: New Well Work Over Deepen Plug Back Diff. Resrv.,
Other: _____

2. Name of Operator
NEWFIELD EXPLORATION COMPANY

3. Address
1401 17TH ST. SUITE 1000 DENVER, CO 80202

3a. Phone No. (include area code)
(435)646-3721

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface 1972' FSL & 1985' FEL (NW/SE) SEC. 20, T4S, R2W
At top prod. interval reported below
At total depth 7140'

14. Date Spudded
11/20/2010

15. Date T.D. Reached
12/02/2010

16. Date Completed 12/29/2010
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
5406' GL 5418' KB

18. Total Depth: MD 7140' TVD

19. Plug Back T.D.: MD 7085' TVD

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
DUAL IND GRD, SP, COMP. DENSITY, COMP. NEUTRON, GR, CALIPER, CMT BOND

22. Was well cored? No Yes (Submit analysis)
Was DST run? No Yes (Submit report)
Directional Survey? No Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#	0	435'		215 CLASS G			
7-7/8"	5-1/2" J-55	15.5#	0	7129'		300 PRIMLITE		00'	
						460 50/50 POZ			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	EOT@ 6960'	TA @ 6792'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Wasatch	7063'	7070'	7063-7070'	.36"	21	
B) Green River	4826'	6665'	4826-6665'	.34"	189	
C)						
D)						

26. Perforation Record

Depth Interval	Amount and Type of Material
7063-7070'	Frac w/ 30195#'s 20/40 sand in 171 bbls of Lightning 17 fluid in 1 stage
4826-6665'	Frac w/ 506396#'s 20/40 sand in 2393 bbls of Lightning 17 fluid in 6 stages

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
12/28/10	01/10/11	24	→	356	80	307			2-1/2" x 1-1/2" x 16' x 20' RHAC Pump
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→					PRODUCING	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

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*(See instructions and spaces for additional data on page 2)

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

SOLD & USED FOR FUEL

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

GEOLOGICAL MARKERS

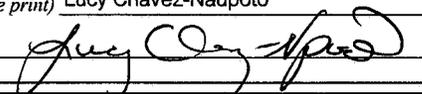
Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
WASATCH GREEN RIVER	7063'	7070'		GARDEN GULCH MRK	4306'
	4828'	6665'		GARDEN GULCH 1	4530'
				GARDEN GULCH 2 POINT 3	4659' 4954'
				X MRKR Y MRKR	5192' 5220'
				DOUGALS CREEK MRK BI CARBONATE MRK	5335' 5587'
				B LIMESTON MRK CASTLE PEAK	5718' 6320'
				BASAL CARBONATE WASATCH	6706' 6841'

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- Electrical/Mechanical Logs (1 full set req'd.)
 Geologic Report
 DST Report
 Directional Survey
 Sundry Notice for plugging and cement verification
 Core Analysis
 Other: Drilling Daily Activity

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Lucy Chavez-Naupoto Title Administrative Assistant
 Signature  Date 01/12/2011

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Daily Activity Report**Format For Sundry****MEAGHER 10-20-4-2****9/1/2010 To 1/30/2011****MEAGHER 10-20-4-2****Waiting on Cement****Date:** 11/21/2010

Ross #29 at 435. Days Since Spud - Ross rig # 29 spud the Meagher 10-20-4-2W on 11/20/10 @ 8:00 AM TD= 435 - Returned 6 bbls cmt to pit - On 11/20/10 ran 85/8" surface casing (Guide shoe, Shoe jt, baffle plate 9 jts set @ 435.33' - BLM & State was notif of the spud - On 11/22/10 cement 85/8" surface casing w/ 215 sks G 2% CaCl 15.8ppg 1.17 yeild

Daily Cost: \$0**Cumulative Cost:** \$59,067**MEAGHER 10-20-4-2****Waiting on Cement****Date:** 11/29/2010

Ross #29 at 435. 0 Days Since Spud - rig down and prepare for rig move

Daily Cost: \$0**Cumulative Cost:** \$59,417**MEAGHER 10-20-4-2****Drill 7 7/8" hole with fresh water****Date:** 11/30/2010

Capstar #328 at 2158. 1 Days Since Spud - No H2S or flow in last 24 hours - Drill 7 7/8" hole F/ 380' to 2158' w/ 18K WOB,TRPM-184,GPM-409,Avg ROP- 148 ft/hr - Rig up B&C , test pipe&blind rams, choke and safety to 2000#/10 min, casing 1500#/30 minutes - Move rig w/ Howcroft, set equipment,rig up and nipple up (Accept rig @ 10:00 am - Pick up BHA and orient directional tools and TIH , tag @ 380'

Daily Cost: \$0**Cumulative Cost:** \$95,005**MEAGHER 10-20-4-2****Drill 7 7/8" hole with fresh water****Date:** 12/1/2010

Capstar #328 at 5464. 2 Days Since Spud - Rig Service, check crownomatic and BOP - NO H2S or flow in last 24 hours, - Drill 7 7/8" hole F/ 4060' to 5464' w/ 20K WOB,TRPM-184,GPM-409,Avg ROP-117 ft/hr - Drill 7 7/8" hole F/ 2158' to 4060' w/ 20K WOB,TRPM-184,GPM-409,Avg ROP-165 ft/hr

Daily Cost: \$0**Cumulative Cost:** \$128,105**MEAGHER 10-20-4-2****Logging****Date:** 12/2/2010

Capstar #328 at 7140. 3 Days Since Spud - Drill 7 7/8" hole F/ 5464' to 6008' w/ 22K WOB,TRPM-184,GPM-409,Avg ROP-77 ft/hr - Drill 7 7/8" hole F/ 6008' to 7140' w/ 22K WOB,TRPM-184,GPM-409,Avg ROP-141 ft/hr - Circ for laydown - LDDP & BHA - Held saftey mtg & RU Phoenix survey inc & Log well - Rig serv

Daily Cost: \$0**Cumulative Cost:** \$187,295**MEAGHER 10-20-4-2****Rigging down****Date:** 12/3/2010

Capstar #328 at 7140. 4 Days Since Spud - Compensated Density Loggers TD 7137' - Test 5.5" casing rams - RU & Run 168 jts 5.5" 15.5# LT&C casing shoe @ 7129.27' Float collar @ 7108.47' Trans 5 jts to the - Ute Tribe 13-18-4-2W - Circ for cmt job - Log well w/ Phoenix Survey Inc with Dual Guard Log Gamma Ray Compensated Neutron Gamma Ray - 5SMS+FP+SF & 460 sks tail cmt mixed @ 14.4 ppg 1.24 yeild 50:50:2+3%KCL+0.5%EC-1+.25#CF+.05#SF+.3SMS - +FP-6L & Disp 169 bbls & returned 15 bbls cmt to pit - Nipple down & set 5.5" casing slips w/ 98,000#s - Clean mud pits - Release rig @ 2:00 AM on 12/3/10 - RU BJ & test lines & pump 300 sks lead cmt mixed @ 11 ppg 3.53 yeild PLII+3% KCL+5#CSE+0.5#CF+2#KOL+. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$339,003

Pertinent Files: [Go to File List](#)

STATE OF UTAH
 DIVISION OF OIL, GAS AND MINING
 ENTITY ACTION FORM - FORM 6

OPERATOR: **NEWFIELD PRODUCTION COMPANY**
 ADDRESS: **RT. 3 BOX 3630**
MYTON, UT 84052

OPERATOR ACCT. NO. **N2695**

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
E	17872	17872	4301334241	UTE TRIBAL 9-19-4-2	NESE	19	4S	2W	DUCHESNE	11/20/2010	12/18/10
WELL 1 COMMENTS: CHANGE FORM F/ GRRV TO GRWS											
CONFIDENTIAL 2/28/11											
E	17873	17873	4301350400	MEAGHER 10-20-4-2	NWSE	20	4S	2W	DUCHESNE	11/20/2010	12/29/10
CHANGE FORM F/ GRRV TO GRWS											
— 2/28/11											
E	17870	17870	4304751118	UTE TRIBAL 15-4-4-1E	SWSE	4	4S	1E	UINTAH	11/10/2010	12/26/10
CHANGE FORM F/ GRRV TO GRWS											
— 2/28/11											
E	17849	17849	4304751119	UTE TRIBAL 7-9-4-1E	SWNE	9	4S	1E	UINTAH	11/1/2010	12/11/10
CHANGE FORM F/ GRRV TO GRWS											
— 2/28/11											
E	17822	17822	4304751120	UTE TRIBAL 1-10-4-1E	NENE	10	4S	1E	UINTAH	11/1/2010	12/13/10
CHANGE FORM F/ GRRV TO GRWS											
— 2/28/11											
E	17866	17866	4304751126	UTE TRIBAL 11-14-4-1E	NESW	14	4S	1E	UINTAH	11/15/2010	12/30/10
CHANGE FORM F/ GRRV TO GRWS											
— 2/28/11											

ACTION CODES (See instructions on back of form)

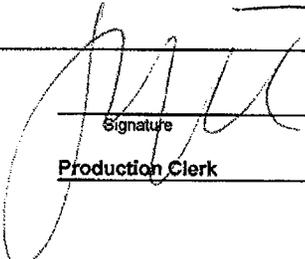
- A - 1 new entity for new well (single well only)
- B - well to existing entity (group or unit well)
- C - from one existing entity to another existing entity
- D - well from one existing entity to a new entity
- E - ther (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

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 Signature
 Jentri Park
 Production Clerk
 02/14/11